Anthrax PCR Product

5'G GCG GAT GAG TCA GTA GTT AAG GAG GCT CAT AGA GAA GTA ATT AAT 3'C CGC CTA CTC AGT CAT CAA TTC CTC CGA GTA TCT CTT CAT TAA TTA

TCG TCA ACA <u>GAG GGA TTA TTG TTA AAT ATT GAT AAG GAT</u> ATA AGA AAA AGC AGT TGT CTC CCT AAT AAC AAT TTA TAA CTA TTC CTA TAT TCT TTT

ATA TTA TCC AGG GTT ATA TTG TAG AAA TTG AAG ATA CTG AAG GGC TT 3'
TAT AAT AGG TCC CAA TAT, AAC ATC TTT AAC TTC TAT GAC TTC CCG AA 5'

141 mer Anthrex PCR product [SEQ ID NO:36]

3' CTC CCT AAT AAC AAT

[SEQ ID NO:37]

3' TTA TAA CTA TTC CTA

ESED ID NO: 38]

Oligonucleotide-Nanoparticle Probes

Blocker Oligonucleotides

3' A TOT OTT TAT AAT AGG TOO CAA TAT

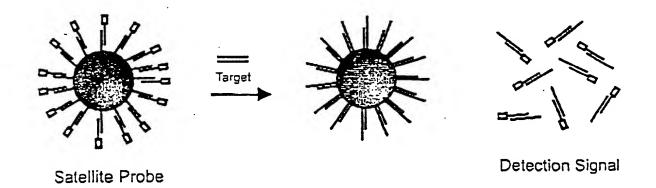
3' AAC ATO TIT AAC TTO TAT GAC TTO COG AA

3' AAO ATO TIT AAC TTO TAT GAC TTO COG AA

1' AAO ATO TIT AAC TTO TAT GAC TTO COG AA

1' SEO ID NO: 41]

FIGURE 23



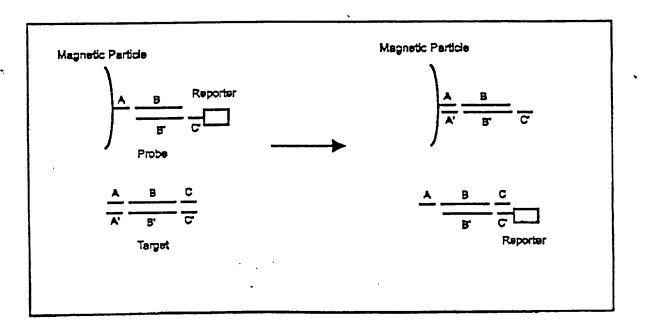
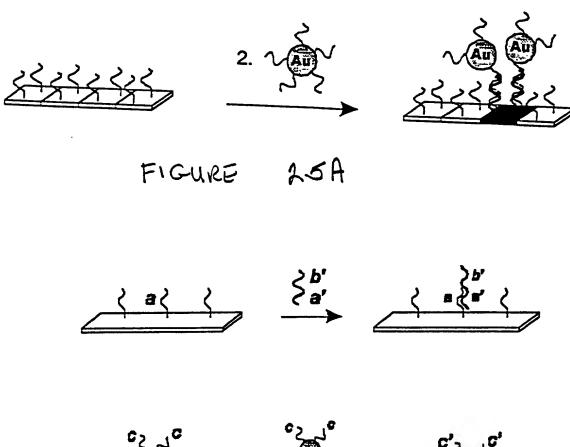
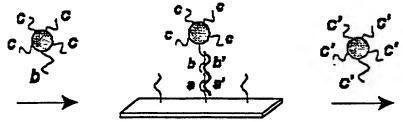


FIGURE 24

1. **(**target)





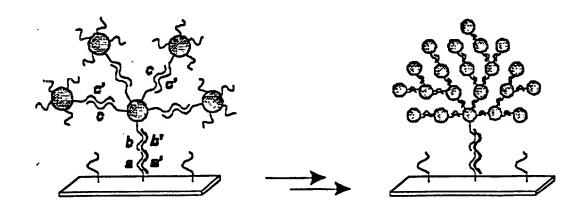


FIGURE 25 B